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 NEWS  4  OCT 28   KOREAPAT now available on STN
 NEWS  5  NOV 30   PHAR reloaded with additional data
 NEWS  6  DEC 01   LISA now available on STN
 NEWS  7  DEC 09   12 databases to be removed from STN on December 31, 2004
 NEWS  8  DEC 15   MEDLINE update schedule for December 2004
 NEWS  9  DEC 17   ELCOM reloaded; updating to resume; current-awareness
                   alerts (SDIs) affected
 NEWS  10 DEC 17   COMPUAB reloaded; updating to resume; current-awareness
                   alerts (SDIs) affected
 NEWS  11 DEC 17   SOLIDSTATE reloaded; updating to resume; current-awareness
                   alerts (SDIs) affected
 NEWS  12 DEC 17   CERAB reloaded; updating to resume; current-awareness
                   alerts (SDIs) affected
 NEWS  13 DEC 17   THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
 NEWS  14 DEC 30   EPFULL: New patent full text database to be available on STN
 NEWS  15 DEC 30   CAPLUS - PATENT COVERAGE EXPANDED
 NEWS  16 JAN 03   No connect-hour charges in EPFULL during January and
                   February 2005

 NEWS EXPRESS  OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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=> s (micropart? or microcapsule# or microsphere# or nanocapsule# or nanosphere# or
microencapsul?) and biodegrad?
L1       21406 (MICROPART? OR MICROCAPSULE# OR MICROSPHERE# OR NANOCAPSULE# OR
               NANOSPHERE# OR MICROENCAPSUL?) AND BIODEGRAD?

=> s l1 and carboxyl
L2        5625 L1 AND CARBOXYL

=> s l2 and (drug delivery)
   3 FILES SEARCHED...
L3        3520 L2 AND (DRUG DELIVERY)

=> s l3 and (amino group)
L4         759 L3 AND (AMINO GROUP)

=> s l4 and (acetone or acetonitrile or (ethyl acetate) or tetrahydrofuran or glyme)
   2 FILES SEARCHED...
L5         500 L4 AND (ACETONE OR ACETONITRILE OR (ETHYL ACETATE) OR TETRAHYDR
               OFURAN OR GLYME)

=> s l5 and (peptide bond)
L6          74 L5 AND (PEPTIDE BOND)

=> s l5 and atomiz?
L7          29 L5 AND ATOMIZ?

=> s l7 and (lactic or caprolic or glycolic or (trimethylene carbonate) or (p
dioxanone))
L8          27 L7 AND (LACTIC OR CAPROLIC OR GLYCOLIC OR (TRIMETHYLENE CARBONA
               TE) OR (P DIOXANONE))

=> s l8 and (ethanol or (isopropyl alcohol))
L9          22 L8 AND (ETHANOL OR (ISOPROPYL ALCOHOL))

=> s l9 and (somatostatin or LHRH)
L10          9 L9 AND (SOMATOSTATIN OR LHRH)

=> d l10 1-9 ibib abs

L10  ANSWER 1 OF 9  USPATFULL on STN
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ACCESSION NUMBER: 2004:120116 USPATFULL
TITLE: Lipid **microparticles** by cryogenic micronization
INVENTOR(S): Del Curto, Maria Dorly, San Quirico, ITALY
Chicco, Daniela, Caravino, ITALY
Esposito, Pierandrea, Ivrea, ITALY

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004091522	A1	20040513	
APPLICATION INFO.:	US 2003-451676	A1	20031222	(10)
	WO 2001-EP14890		20011217	

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2000-128556	20001227
	EP 2001-125741	20011026

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: BROWDY AND NEIMARK, P.L.L.C., 624 NINTH STREET, NW, SUITE 300, WASHINGTON, DC, 20001-5303
NUMBER OF CLAIMS: 23
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Page(s)
LINE COUNT: 1105
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention relates to Lipid **Microparticles** consisting, of lipids enriched in amphiphilic components, which promote the incorporation of peptides and/or protein, process for obtaining them as well as use thereof. A cryogenic micronization manufacturing process for their preparation is also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 2 OF 9 USPATFULL on STN
ACCESSION NUMBER: 2004:101228 USPATFULL
TITLE: Whole cell engineering by mutagenizing a substantial portion of a starting genome, combining mutations, and optionally repeating
INVENTOR(S): Short, Jay M., Rancho Santa Fe, CA, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004077090	A1	20040422	
APPLICATION INFO.:	US 2003-383798	A1	20030306	(10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-677584, filed on 30 Sep 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-594459, filed on 14 Jun 2000, GRANTED, Pat. No. US 6605449 Continuation-in-part of Ser. No. US 2000-522289, filed on 9 Mar 2000, GRANTED, Pat. No. US 6358709 Continuation-in-part of Ser. No. US 2000-498557, filed on 4 Feb 2000, PENDING Continuation-in-part of Ser. No. US 2000-495052, filed on 31 Jan 2000, GRANTED, Pat. No. US 6479258

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-156815P	19990929 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HALE AND DORR LLP, 300 PARK AVENUE, NEW YORK, NY, 10022
NUMBER OF CLAIMS: 22
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 28 Drawing Page(s)

LINE COUNT: 37121
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB An invention comprising cellular transformation, directed evolution, and screening methods for creating novel transgenic organisms having desirable properties. Thus in one aspect, this invention relates to a method of generating a transgenic organism, such as a microbe or a plant, having a plurality of traits that are differentially activatable. Also, a method of retooling genes and gene pathways by the introduction of regulatory sequences, such as promoters, that are operable in an intended host, thus conferring operability to a novel gene pathway when it is introduced into an intended host. For example a novel man-made gene pathway, generated based on microbially-derived progenitor templates, that is operable in a plant cell. Furthermore, a method of generating novel host organisms having increased expression of desirable traits, recombinant genes, and gene products.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 9 USPATFULL on STN
ACCESSION NUMBER: 2003:138887 USPATFULL
TITLE: Method for preparing **microsphere**
INVENTOR(S): Suzuki, Takehiko, Osaka-fu, JAPAN
Matsukawa, Yasuhisa, Osaka-fu, JAPAN
Suzuki, Akira, Itami-shi, JAPAN

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003094715	A1	20030522	
APPLICATION INFO.:	US 2002-258283	A1	20021023	(10)
	WO 2001-JP3599		20010426	

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: FINNEGAN, HENDERSON, FARABOW, GARRETT &, DUNNER LLP, 1300 I STREET, NW, WASHINGTON, DC, 20006
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Page(s)
LINE COUNT: 1648
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB It is to provide an improved method for preparation of **microsphere** from an emulsion wherein an organic phase containing an organic solvent having a boiling point lower than that of water and a hardly-water-soluble polymer is emulsified in an aqueous phase by an in-water drying method, which comprises: (1) using an apparatus equipped with a gas separation membrane; (2) supplying the emulsion to be subjected to in-water drying to one side of said gas separation membrane; (3) evaporating off the organic solvent contained in said emulsion to the other side of said gas separation membrane, which can remove the organic solvent with high efficiency and can be carried out in a closed system and hence is favorable from the environmental viewpoint.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 4 OF 9 USPATFULL on STN
ACCESSION NUMBER: 2003:115620 USPATFULL
TITLE: Process for making absorbable **microparticles**
INVENTOR(S): Loughman, Thomas Ciaran, Dublin, IRELAND
PATENT ASSIGNEE(S): Kinerton Limited, Dublin, IRELAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6555156	B1	20030429

	WO 9938535	19990805
APPLICATION INFO.:	US 2000-601074	20000726 (9)
	WO 1999-IE7	19990125

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Beck, Shrive P.
ASSISTANT EXAMINER: Michener, Jennifer Kolb
LEGAL REPRESENTATIVE: Fish & Richardson, Murrill, Brian R., Feeney, Alan F.
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 1085
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention pertains to a process for making encased bound **microparticles** by nebulizing a dispersion of the bound **microparticles** into a solution of an encasing polymer and into a liquid, non-solvent of said encasing polymer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 5 OF 9 USPATFULL on STN
ACCESSION NUMBER: 2002:78240 USPATFULL
TITLE: SUSTAINED RELEASE IONIC CONJUGATE
INVENTOR(S): IGNATIOUS, FRANCIS XAVIER, MASSACHUSETTS, MA, UNITED STATES
LOUGHMAN, THOMAS CIARAN, DUBLIN, IRELAND
SHALABY, SHALABY WAHBA, PENDLETON, SC, UNITED STATES
TOURAUD, FRANCK-JEAN-CLAUDE, VERNON, FRANCE

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2002041893	A1	20020411	
APPLICATION INFO.:	US 1999-171740	A1	19990420	(9)
	WO 1997-IE30		19970422	

	NUMBER	DATE
PRIORITY INFORMATION:	IE 1996-960308	19960423

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: BRIAN R. MORRILL, ESQ., BIOMEASURE INC, 27 MAPLE STREET, MILFORD, MA, 01757-3650
NUMBER OF CLAIMS: 67
EXEMPLARY CLAIM: 1
LINE COUNT: 745
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method of spherifying a sustained release ionic conjugate which contains a free **carboxyl** group-containing **biodegradable** polymer and a free **amino group** -containing drug which are ionically bonded to each other.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 6 OF 9 USPATFULL on STN
ACCESSION NUMBER: 1999:27228 USPATFULL
TITLE: Sustained release formulations of water soluble peptides
INVENTOR(S): Bodmer, David, Klingnau, Switzerland
Fong, Jones W., Parsippany, NJ, United States
Kissel, Thomas, Staufen, Germany, Federal Republic of
Maulding, Hawkins V., Mendham, NJ, United States
Nagele, Oskar, Sissach, Switzerland
Pearson, Jane E., Ogdensburg, NJ, United States
PATENT ASSIGNEE(S): Novartis AG, Summit, NJ, United States (U.S.

corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5876761		19990302
APPLICATION INFO.:	US 1995-470907		19950606 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1991-643880, filed on 18 Jan 1991, now patented, Pat. No. US 5538739 which is a continuation-in-part of Ser. No. US 1989-411347, filed on 22 Sep 1989, now abandoned which is a continuation-in-part of Ser. No. US 1989-377023, filed on 7 Jul 1989, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	HU 1990-3974	19900625

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Webman, Edward J.
LEGAL REPRESENTATIVE: Pfeiffer, Hesna J.
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
LINE COUNT: 915
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention discloses **microparticles** comprising a polypeptide, preferably **somatostatin** or an analog or derivative thereof, more preferably octreotide, in a polymeric matrix, preferably poly(lactide-co-glycolide) glucose. The invention also discloses sustained release formulations containing said **microparticles** and the use of said formulations in treating acromegaly and breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 7 OF 9 USPATFULL on STN
ACCESSION NUMBER: 97:106823 USPATFULL
TITLE: Sustained release formulations of water soluble peptides
INVENTOR(S): Bodmer, David, Klingnau, Switzerland
Fong, Jones W., Parsippany, NJ, United States
Kissel, Thomas, Staufen, Germany, Federal Republic of
Maulding, Hawkins V., Mendham, NJ, United States
Nagele, Oskar, Sissach, Switzerland
Pearson, Jane E., Ogendensburg, NJ, United States
PATENT ASSIGNEE(S): Novartis AG, Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5688530		19971118
APPLICATION INFO.:	US 1995-470909		19950606 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1991-643880, filed on 18 Jan 1991, now patented, Pat. No. US 5538739 which is a continuation-in-part of Ser. No. US 1989-411347, filed on 22 Sep 1989, now abandoned which is a continuation-in-part of Ser. No. US 1989-377023, filed on 7 Jul 1989, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	HU 1990-3974	19900625
	GB 1990-16840	19900801

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Webman, Edward J.

LEGAL REPRESENTATIVE: Battle, Carl W.
NUMBER OF CLAIMS: 4
EXEMPLARY CLAIM: 1
LINE COUNT: 893
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention discloses **microparticles** comprising a polypeptide, preferably **somatostatin** or an analog or derivative thereof, more preferably octreotide, in a polymeric matrix, preferably poly(lactide-co-glycolide) glucose. The invention also discloses sustained release formulations containing said **microparticles** and the use of said formulations in treating acromegaly and breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 8 OF 9 USPATFULL on STN
ACCESSION NUMBER: 97:51735 USPATFULL
TITLE: Sustained release formulations of water soluble peptides
INVENTOR(S): Bodmer, David, Klingnau, Switzerland
Fong, Jones W., Parsippany, NJ, United States
Kissel, Thomas, Staufen, Germany, Federal Republic of
Maulding, Hawkins V., Mendham, NJ, United States
Nagele, Oskar, Sissach, Switzerland
Pearson, Jane E., Ogendensburg, NJ, United States
PATENT ASSIGNEE(S): Sandoz Ltd., Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5639480		19970617
APPLICATION INFO.:	US 1995-470072		19950606 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1991-643880, filed on 18 Jan 1991, now patented, Pat. No. US 5538739 which is a continuation-in-part of Ser. No. US 1989-411347, filed on 22 Sep 1989, now abandoned which is a continuation-in-part of Ser. No. US 1989-377023, filed on 7 Jul 1989, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	HU 1990-3974	19900625

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Webman, Edward J.
LEGAL REPRESENTATIVE: Honor, Robert S., Battle, Carl W.
NUMBER OF CLAIMS: 13
EXEMPLARY CLAIM: 1
LINE COUNT: 910
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention discloses **microparticles** comprising a polypeptide, preferably **somatostatin** or an analog or derivative thereof, more preferably octreotide, in a polymeric matrix, preferably poly(lactide-co-glycolide)glucose. The invention also discloses sustained release formulations containing said **microparticles** and the use of said formulations in treating acromegaly and breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 9 OF 9 USPATFULL on STN
ACCESSION NUMBER: 96:65338 USPATFULL
TITLE: Sustained release formulations of water soluble peptides
INVENTOR(S): Bodmer, David, Klingnau, Switzerland

Fong, Jones W., Parsippany, NJ, United States
Kissel, Thomas, Staufen, Germany, Federal Republic of
Maulding, Jr., Hawkins V., Mendham, NJ, United States
Nagele, Oskar, Sissach, Switzerland
Pearson, Jane E., Ogendensburg, NJ, United States
PATENT ASSIGNEE(S): Sandoz Ltd., Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5538739		19960723
APPLICATION INFO.:	US 1991-643880		19910118 (7)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1989-411347, filed on 22 Sep 1989, now abandoned which is a continuation-in-part of Ser. No. US 1989-377023, filed on 7 Jul 1989, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	HU 1990-3974	19900625
	GB 1990-16840	19900801

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Webman, Edward J.
LEGAL REPRESENTATIVE: Honor, Robert S., Battle, Carl W., Borovian, Joseph J.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
LINE COUNT: 897
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention discloses **microparticles** comprising a polypeptide, preferably **somatostatin** or an analog or derivative thereof, more preferably octreotide, in a polymeric matrix, preferably poly(lactide-co-glycolide) glucose. The invention also discloses sustained release formulations containing said **microparticles** and the use of said formulations in treating acromegaly and breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.